

|  |                                     |   |                              |   |                            |
|--|-------------------------------------|---|------------------------------|---|----------------------------|
| Lockheed Aircraft Corp.  |                                     | ENGINEERING STUDY <input type="checkbox"/>                            |                              | LAC -57-2 *                                 |                            |
| DATE 12-2-59   |                                     | CHANGE PROPOSAL <input checked="" type="checkbox"/>                   |                              |   |                            |
| AFFECTS:   |                                     | WSPO <input checked="" type="checkbox"/>                              |                              | PROJECT <input checked="" type="checkbox"/> |                            |
| NAME OF MAJOR COMPONENT<br>Ship's Wiring   |                                     | PART OR LOWEST SUBASSEMBLY<br>Electrical Harness<br>(Engine Compmt.)  |                              | PART NO. & MODEL OR TYPE                    |                            |
| TITLE OF PROPOSAL :<br>Replacement Wiring - Engine Compartment   |                                     |   |                              |   |                            |
| NATURE OF PROPOSAL :   |                                     |   |                              |   |                            |
| <ol style="list-style-type: none"> <li>1. Replace all wires within the engine compartment (aft of FS 365) with MIL-C-25038 type wires, except for the fire detection and D.C. generator wires which are satisfactory and will remain unchanged.</li> <li>2. Prepare and issue Service Bulletin 428.</li> <li>3. Fabricate kits for S.B. 428 for all Articles.</li> <li>4. Kits to be installed on IRAN at contractor's facility.</li> </ol> <p>* NOTE: Revised to include all affected wiring in the engine compartment.</p>           |                                     |   |                              |   |                            |
| REASON FOR PROPOSAL :  |                                     |   |                              |   |                            |
| <ol style="list-style-type: none"> <li>1. This is item C, para. 9 of the list of improvement items included in "FOG IRAN Program" dated Aug. 1959.</li> <li>2. Past history indicates that engine heat is causing deterioration of some wire insulation in the engine compartment.</li> </ol> <p>NOTE: This ECP would standardize all ships with respect to Hi Temp. wire. Some ships had the intent of this ECP performed at Laughlin AFB and other ships have had the intent of this ECP performed by S.B. 403 (See ECP LAC-33).</p> |                                     |   |                              |   |                            |
| ES   |                                     | ESTIMATED COST AND TIME INVOLVED : --                                 |                              |   |                            |
|  |                                     | ADDITIONAL FUNDING REQUIRED : --                                      |                              |   |                            |
| CP   |                                     | ESTIMATED COST FOR KITS OR PARTS : <input type="text"/> (as required) |                              |   |                            |
|  |                                     | ADDITIONAL FUNDING REQUIRED : None (SP-1917)                          |                              |   |                            |
| ITEMS AFFECTED BY PROPOSAL :   |                                     |   |                              |   |                            |
| SAFETY   | MISSION EFFECTIVENESS               | PERFORMANCE   | OPERATING PROCEDURE          | INTER-CHANGEABILITY                         | WEIGHT OR WEIGHT & BALANCE |
| <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/>     | <input type="checkbox"/>                    | <input type="checkbox"/>   |
| TOOLS & SUPPORT EQUIPMENT  | MAINTENANCE PROCEDURE               | SERVICE LIFE  | FLIGHT MANUAL                | MAINTENANCE MANUAL                          |                            |
| <input type="checkbox"/>   | <input type="checkbox"/>            | <input checked="" type="checkbox"/>                                   | <input type="checkbox"/>     | <input type="checkbox"/>                    |                            |
| EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD   |                                     |   |                              |   |                            |
| SOURCE OF PARTS FOR KIT :  |                                     |   | AVAILABILITY                 |   |                            |
| LAC  |                                     |   | To Meet IRAN Schedule        |   |                            |
| DISPOSITION OF SPARES AFFECTED   |                                     |   |                              |   |                            |
| None   |                                     |   |                              |   |                            |
| INITIATED BY :   |                                     |   | APPROVED :                   |   |                            |
| LAC  |                                     |   | WSPO <input type="text"/>    |   |                            |
|  |                                     |   | PROJECT <input type="text"/> |   |                            |